corporation)

	NUMBER	DATE	
PATENT INFORMATION:	US 5032396	19910716	<--
APPLICATION INFO.:	US 1989-312546	19890117 (7)	

DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Draper, Garnette D.
LEGAL REPRESENTATIVE: Hallquist, Scott G.; Oster, Jeffrey B.; Wight, Christopher L.
NUMBER OF CLAIMS: 4
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 364
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Methods for stimulating platelet production in mammals, comprising administration of interleukin-7 (IL-7), are disclosed.

=> d l2 15-22 ibib ab

L2 ANSWER 15 OF 22 USPATFULL
ACCESSION NUMBER: 1999:113633 USPATFULL
TITLE: Nucleic acids encoding pancreatic islet cell antigens obtained by molecular cloning
INVENTOR(S): Rabin, Daniel U., Branford, CT, United States
PATENT ASSIGNEE(S): Bayer Corporation Formerly Molecular Diagnostics Inc., Tarrytown, NY, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5955345	19990921
APPLICATION INFO.:	US 1995-468576	19950606 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1994-239276, filed on 5 May 1994 which is a continuation of Ser. No. US 1992-872646, filed on 8 Jun 1992, now abandoned which is a continuation of Ser. No. US 1991-715181, filed on 14 Jun 1991, now abandoned which is a continuation-in-part of Ser. No. US 1989-441703, filed on 4 Dec 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-312543, filed on 17 Feb 1989, now abandoned
DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Carlson, Karen Cochrane
LEGAL REPRESENTATIVE: Sprung Kramer Schaefer & Briscoe
NUMBER OF CLAIMS: 77
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 25 Drawing Figure(s); 14 Drawing Page(s)
LINE COUNT: 2302
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Pancreatic islet cell antigens (ICA) that bind with antibodies found in the sera of patients afflicted with insulin-dependent (Type I) diabetes mellitus (IDDM). ICA proteins are expressed by recombinant cloning vehicles comprising DNA inserts isolated from islet cells. Full sequence native ICA proteins, or protein or **peptide** fragments thereof, can be used in the diagnosis of IDDM and in detecting or blocking human immunoglobulin, T-cells, or B-cells involved in IDDM.

L2 ANSWER 16 OF 22 USPATFULL

ACCESSION NUMBER:	1999:89001 USPATFULL
TITLE:	Amino acid transporters and uses
INVENTOR(S):	Amara, Susan G., Portland, OR, United States Arriza, Jeffrey L., Portland, OR, United States
PATENT ASSIGNEE(S):	Oregon Health Science s University, Portland, OR, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5932424	19990803
APPLICATION INFO.:	US 1998-42960	19980317 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-546661, filed on 23 Oct 1995 which is a division of Ser. No. US 1993-140729, filed on 20 Oct 1993, now patented, Pat. No. US 5658782, issued on 19 Aug 1997	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Hobbs, Lisa	
LEGAL REPRESENTATIVE:	McDonnell Boehnen Hulbert & Berghoff	
NUMBER OF CLAIMS:	11	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	42 Drawing Figure(s); 42 Drawing Page(s)	
LINE COUNT:	2072	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel mammalian amino acid transporter proteins and the genes that encode such proteins. The invention is directed toward the isolation, characterization and pharmacological use of the human amino acid transporter proteins EAAT1, EAAT2, EAAT3 and ASCT1. The invention specifically provides isolated complementary DNA copies of mRNA corresponding to each of these transporter genes. Also provided are recombinant expression constructs capable of expressing each of the amino acid transporter genes of the invention in cultures of transformed prokaryotic and eukaryotic cells, as well as such cultures of transformed cells that synthesize the human amino acid transporter proteins encoded therein. The invention also provides methods for screening in vitro compounds having transport-modulating properties using preparations of transporter proteins from such cultures of cells transformed with recombinant expression constructs.

L2 ANSWER 17 OF 22 USPATFULL

ACCESSION NUMBER:	1999:75556 USPATFULL
TITLE:	Amino acid transporters and uses
INVENTOR(S):	Amara, Susan G., Portland, OR, United States Arriza, Jeffrey L., Portland, OR, United States
PATENT ASSIGNEE(S):	State of Oregon, Portland, OR, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5919699	19990706
APPLICATION INFO.:	US 1995-546661	19951023 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-140729, filed on 20 Oct 1993	
DOCUMENT TYPE:	Utility	
PRIMARY EXAMINER:	Wax, Robert A.	
ASSISTANT EXAMINER:	Hobbs, Lisa J.	
LEGAL REPRESENTATIVE:	McDonnell, Boehnen, Hulbert & Berghoff	
NUMBER OF CLAIMS:	4	

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Figure(s); 42 Drawing Page(s)
LINE COUNT: 2015
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to novel mammalian amino acid transporter proteins and the genes that encode such proteins. The invention is directed toward the isolation, characterization and pharmacological use of the human amino acid transporter proteins EAAT1, EAAT2, EAAT3 and ASCT1. The invention specifically provides isolated complementary DNA copies of mRNA corresponding to each of these transporter genes. Also provided are recombinant expression constructs capable of expressing each of the amino acid transporter genes of the invention in cultures of transformed prokaryotic and eukaryotic cells, as well as such cultures of transformed cells that synthesize the human amino acid transporter proteins encoded therein. The invention also provides methods for screening in vitro compounds having transport-modulating properties using preparations of transporter proteins from such cultures of cells transformed with recombinant expression constructs.

L2 ANSWER 18 OF 22 USPATFULL
ACCESSION NUMBER: 1999:75485 USPATFULL
TITLE: Amino acid transporters and uses
INVENTOR(S): Amara, Susan G., Portland, OR, United States
Arriza, Jeffrey L., Portland, OR, United States
PATENT ASSIGNEE(S): Oregon Health Sciences University, Portland, OR, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5919628	19990706
APPLICATION INFO.:	US 1998-42929	19980317 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1997-916745, filed on 19 Aug 1997, now patented, Pat. No. US 5840516 which is a division of Ser. No. US 1993-140729, filed on 20 Oct 1993, now patented, Pat. No. US 5658782, issued on 19 Aug 1997
DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Hobbs, Lisa
LEGAL REPRESENTATIVE: McDonnell Boehnen Hulbert & Berghoff
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 42 Drawing Figure(s); 42 Drawing Page(s)
LINE COUNT: 2057
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to novel mammalian amino acid transporter proteins and the genes that encode such proteins. The invention is directed toward the isolation, characterization and pharmacological use of the human amino acid transporter proteins EAAT1, EAAT2, EAAT3 and ASCT1. The invention specifically provides isolated complementary DNA copies of mRNA corresponding to each of these transporter genes. Also provided are recombinant expression constructs capable of expressing each of the amino acid transporter genes of the invention in cultures of transformed prokaryotic and eukaryotic cells, as well as such cultures of transformed cells that synthesize the human amino acid transporter proteins encoded therein. The invention also provides methods for screening in vitro compounds having transport-modulating properties using preparations of transporter proteins from such cultures of cells

transformed with recombinant expression constructs.

L2 ANSWER 19 OF 22 USPATFULL
ACCESSION NUMBER: 1999:72446 USPATFULL
TITLE: Telomerase screening methods
INVENTOR(S): Gottschling, Daniel E., Chicago, IL, United States
Singer, Miriam S., Chicago, IL, United States
PATENT ASSIGNEE(S): Arch Development Corporation, Chicago, IL, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5916752	19990629
APPLICATION INFO.:	US 1997-938534	19970926 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1995-431080, filed on 28 Apr 1995, now patented, Pat. No. US 5698686 which is a continuation-in-part of Ser. No. US 1994-326781, filed on 20 Oct 1994, now abandoned
DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Fredman, Jeffrey
LEGAL REPRESENTATIVE: Arnold, White & Durkee
NUMBER OF CLAIMS: 56
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 15 Drawing Figure(s); 15 Drawing Page(s)
LINE COUNT: 7780
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed are various methods, compositions and screening assays connected with telomerase, including genes encoding the template RNA of S. cerevisiae telomerase and various telomerase-associated polypeptides.

L2 ANSWER 20 OF 22 USPATFULL
ACCESSION NUMBER: 1999:67190 USPATFULL
TITLE: Amino acid transporters and uses
INVENTOR(S): Amara, Susan G., Portland, OR, United States
Arriza, Jeffrey L., Portland, OR, United States
Fairman, Wendy A., Portland, OR, United States
PATENT ASSIGNEE(S): Oregon Health Science University, Portland, OR, United States (U.S. corporation)

	NUMBER	DATE
PATENT INFORMATION:	US 5912171	19990615
APPLICATION INFO.:	US 1996-663808	19960614 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1993-140729, filed on 20 Oct 1993, now patented, Pat. No. US 5658782, issued on 18 Aug 1997
DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Wax, Robert A.
ASSISTANT EXAMINER: Hobbs, Lisa J.
LEGAL REPRESENTATIVE: McDonnell Boehnen, Hulbert & Berghoff
NUMBER OF CLAIMS: 8
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 16 Drawing Figure(s); 16 Drawing Page(s)
LINE COUNT: 1928
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to novel mammalian amino acid transporter proteins and the genes that encode such proteins. The invention is directed toward the isolation, characterization and pharmacological use of a human amino acid transporter protein termed EAAT4 and genes

encoding such a transporter. The invention specifically provides isolated complementary DNA copies of mRNA corresponding to this transporter gene. Also provided are recombinant expression constructs capable of expressing this amino acid transporter gene in cultures of transformed prokaryotic and eukaryotic cells, as well as such cultures of transformed cells that synthesize the human amino acid transporter protein encoded therein. The invention also provides methods for screening in vitro compounds having transport-modulating properties using preparations of transporter proteins from such cultures of cells transformed with recombinant expression constructs.

L2 ANSWER 21 OF 22 USPATFULL
ACCESSION NUMBER: 93:58888 USPATFULL
TITLE: Adoptive immunotherapy with interleukin-7
INVENTOR(S): Lynch, David H., Bainbridge Island, WA, United States
PATENT ASSIGNEE(S): Immunex Corporation, Seattle, WA, United States (U.S. corporation)

	NUMBER	DATE	
PATENT INFORMATION:	US 5229115	19930720	
APPLICATION INFO.:	US 1990-559001	19900726	(7)

DOCUMENT TYPE: Utility
PRIMARY EXAMINER: Stone, Jacqueline
LEGAL REPRESENTATIVE: Perkins, Patricia Anne; Wight, Christopher L.
NUMBER OF CLAIMS: 31
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 19 Drawing Page(s)
LINE COUNT: 1184
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB There is disclosed an immunotherapy method for treating an individual with cancer or a viral infection comprising obtaining lymphoid cells previously exposed to a specific antigen, culturing the lymphoid cells ex vivo in a culture medium containing an effective amount of an IL-7 polypeptide or a functional derivative thereof to induce CTL activity in the lymphoid cells and administering the lymphoid cells having CTL activity for cells displaying the specific antigen to an individual.

L2 ANSWER 22 OF 22 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 84173790 EMBASE
DOCUMENT NUMBER: 1984173790
TITLE: The isolation and sequencing of human gastric inhibitory **peptide** (GIP).
AUTHOR: Moody A.J.; Thim L.; Valverde I.
CORPORATE SOURCE: NOVO Research Institute, Bagsvaerd, Denmark
SOURCE: FEBS Letters, (1984) 172/2 (142-148).
CODEN: FEBLAL
COUNTRY: Netherlands
DOCUMENT TYPE: Journal
FILE SEGMENT: 029 Clinical Biochemistry
022 Human Genetics
003 Endocrinology
048 Gastroenterology
LANGUAGE: English
AB Human GIP 1-42 and fragments of human GIP corresponding to GIP 10-42, GIP 11-42, and GIP 17-42 were isolated from acid-ethanol extracts of human small intestines with the aid of an anti-GIP serum specific for the

extreme C-terminal portion of the GIP molecule. The full sequence of human
GIP has been established by Edman degradation of these peptides and fragments thereof by automatic gas-phase sequencing. Human GIP differs from porcine GIP at residues 18 and 34. The sequence of human GIP is thus:
Tyr-Ala-Glu-Gly-Thr(5)-Phe-Ile-Ser-Asp-Tyr(10)-Ser-Ile-Ala-Met-Asp(15)-Lys-Ile-His-Gln-Gln(20)-Asp-Phe-Val-Asn-Trp(25)-Leu-Leu-Ala-Glu-Lys(30)-Gly- **Lys-Lys-Asn-Asp**
(35)-Trp,Lys-His-Asn-Ile(40)-Thr-Gln. Amino acid residues 18 and 34 are Arg and Ser, respectively, in porcine GIP.

=> s l1 and acyl

L7 1 L1 AND ACYL

=> d l7 ibib ab

L7 ANSWER 1 OF 1 USPATFULL

ACCESSION NUMBER:	2000:24761 USPATFULL		
TITLE:	Proteinase inhibitor, precursor thereof and genetic sequences encoding same		
INVENTOR(S):	Anderson, Marilyn Anne, Keilor, Australia Atkinson, Angela Hilary, Montrose, Australia Heath, Robyn Louise, Williamstown, Australia Clarke, Adrienne Elizabeth, Parkville, Australia		
PATENT ASSIGNEE(S):	The University of Melbourne, Australia (non-U.S. corporation)		
	NUMBER	DATE	
PATENT INFORMATION:	US 6031087	20000229	
	WO 9413810	19940623	
APPLICATION INFO.:	US 1995-454295	19950901	(8)
	WO 1993-AU659	19931216	
		19950901	PCT 371 date
		19950901	PCT 102(e) date
	NUMBER	DATE	
PRIORITY INFORMATION:	AU 1992-6399	19921216	
DOCUMENT TYPE:	Utility		
PRIMARY EXAMINER:	Achutamurthy, Ponnathapu		
ASSISTANT EXAMINER:	Saidha, Tekchand		
LEGAL REPRESENTATIVE:	Scully, Scott, Murphy & Presser		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 21 Drawing Page(s)		
LINE COUNT:	1660		

AB The present invention relates generally to proteinase inhibitors, a precursor thereof and to genetic sequences encoding same. More particularly, the present invention relates to a nucleic acid molecule comprising a sequence of nucleotides which encodes or is complementary to a sequence which encodes a type II serine proteinase inhibitor (PI) precursor from a plant wherein said precursor comprises at least three PI monomers and wherein at least one of said monomers has a chymotrypsin

specific site and at least one other of said monomers has a trypsin specific site.

=> s l1 and thiol

L8 1 L1 AND THIOL

=> d l8

L8 ANSWER 1 OF 1 USPATFULL
AN 2000:24761 USPATFULL
TI Proteinase inhibitor, precursor thereof and genetic sequences encoding same
IN Anderson, Marilyn Anne, Keilor, Australia
Atkinson, Angela Hilary, Montrose, Australia
Heath, Robyn Louise, Williamstown, Australia
Clarke, Adrienne Elizabeth, Parkville, Australia
PA The University of Melbourne, Australia (non-U.S. corporation)
PI US 6031087 20000229
WO 9413810 19940623
AI US 1995-454295 19950901 (8)
WO 1993-AU659 19931216
19950901 PCT 371 date
19950901 PCT 102(e) date
PRAI AU 1992-6399 19921216
DT Utility
LN.CNT 1660
INCL INCLM: 536/023.200
INCLS: 435/213.000; 435/219.000; 435/069.100; 435/252.300; 435/320.100; 800/279.000; 536/023.600
NCL NCLM: 536/023.200
NCLS: 435/213.000; 435/219.000; 435/069.100; 435/252.300; 435/320.100; 800/279.000; 536/023.600
IC [7]
ICM: C07H021-04
ICS: C12N005-04; C12N009-76; C12N009-50
EXF 435/213; 435/219; 435/69.1; 435/252.3; 435/320.1; 536/23.2; 536/23.6; 800/279

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.03	30.18

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NEWS	3	Jan 18	ESBIOBASE - NEW FREE DISPLAY FORMATS, TRIAL FORMAT ENHANCED
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NEWS	10	Feb 28	Patent Information Now Searchable in CAOLD
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FILE 'HOME' ENTERED AT 10:46:25 ON 13 MAR 2000

=> file medline uspatfull agricola embase

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'MEDLINE' ENTERED AT 10:46:49 ON 13 MAR 2000

FILE 'USPATFULL' ENTERED AT 10:46:49 ON 13 MAR 2000
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FILE 'AGRICOLA' ENTERED AT 10:46:49 ON 13 MAR 2000

FILE 'EMBASE' ENTERED AT 10:46:49 ON 13 MAR 2000

=> s lys lys asn asp

L1 24 LYS LYS ASN ASP

=> s lys lys asn asp and peptide

L2 22 LYS LYS ASN ASP AND PEPTIDE

=> s lys lys asn asp and protease sensitive peptide

L3 1 LYS LYS ASN ASP AND PROTEASE SENSITIVE PEPTIDE

=> d l3 ibib ab

L3 ANSWER 1 OF 1 USPATFULL

ACCESSION NUMBER:	2000:24761 USPATFULL		
TITLE:	Proteinase inhibitor, precursor thereof and genetic sequences encoding same		
INVENTOR(S):	Anderson, Marilyn Anne, Keilor, Australia Atkinson, Angela Hilary, Montrose, Australia Heath, Robyn Louise, Williamstown, Australia Clarke, Adrienne Elizabeth, Parkville, Australia		
PATENT ASSIGNEE(S):	The University of Melbourne, Australia (non-U.S. corporation)		
	NUMBER	DATE	
PATENT INFORMATION:	US 6031087	20000229	
	WO 9413810	19940623	
APPLICATION INFO.:	US 1995-454295	19950901	(8)
	WO 1993-AU659	19931216	
		19950901	PCT 371 date
		19950901	PCT 102(e) date
	NUMBER	DATE	
PRIORITY INFORMATION:	AU 1992-6399	19921216	
DOCUMENT TYPE:	Utility		
PRIMARY EXAMINER:	Achutamurthy, Ponnathapu		
ASSISTANT EXAMINER:	Saidha, Tekchand		
LEGAL REPRESENTATIVE:	Scully, Scott, Murphy & Presser		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 21 Drawing Page(s)		
LINE COUNT:	1660		

AB The present invention relates generally to proteinase inhibitors, a precursor thereof and to genetic sequences encoding same. More particularly, the present invention relates to a nucleic acid molecule comprising a sequence of nucleotides which encodes or is complementary to a sequence which encodes a type II serine proteinase inhibitor (PI) precursor from a plant wherein said precursor comprises at least three PI monomers and wherein at least one of said monomers has a chymotrypsin specific site and at least one other of said monomers has a trypsin specific site.

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=> d his

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     FILE 'MEDLINE, USPATFULL, AGRICOLA, EMBASE' ENTERED AT 10:46:49 ON 13 MAR
     2000
L1            24 S LYS LYS ASN ASP
L2            22 S LYS LYS ASN ASP AND PEPTIDE
L3             1 S LYS LYS ASN ASP AND PROTEASE SENSITIVE PEPTIDE

=> dup rem l1

PROCESSING COMPLETED FOR L1
L4            24 DUP REM L1 (0 DUPLICATES REMOVED)

=> dup rem l2

PROCESSING COMPLETED FOR L2
L5            22 DUP REM L2 (0 DUPLICATES REMOVED)

=> s l1 and 1985-1992/py

L6            1 L1 AND 1985-1992/PY

=> d l6 ibib ab


L6   ANSWER 1 OF 1  USPATFULL
ACCESSION NUMBER:        91:56735  USPATFULL
TITLE:                   IL-7 to stimulate platelet production
INVENTOR(S):             Williams, Douglas E., Redmond, WA, United States
PATENT ASSIGNEE(S):      Immunex Corporation, Seattle, WA, United States (U.S.
                         corporation)

                              NUMBER         DATE
                         ---------------- --------
PATENT INFORMATION:      US 5032396       19910716                    <--
APPLICATION INFO.:       US 1989-312546   19890117  (7)
DOCUMENT TYPE:           Utility
PRIMARY EXAMINER:        Draper, Garnette D.
LEGAL REPRESENTATIVE:    Hallquist, Scott G.; Oster, Jeffrey B.; Wight,
                         Christopher L.
NUMBER OF CLAIMS:        4
EXEMPLARY CLAIM:         1
NUMBER OF DRAWINGS:      2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT:              364
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB     Methods for stimulating platelet production in mammals, comprising
       administration of interleukin-7 (IL-7), are disclosed.


=> d l6 ibib ab


L6   ANSWER 1 OF 1  USPATFULL
ACCESSION NUMBER:        91:56735  USPATFULL
TITLE:                   IL-7 to stimulate platelet production
INVENTOR(S):             Williams, Douglas E., Redmond, WA, United States
PATENT ASSIGNEE(S):      Immunex Corporation, Seattle, WA, United States (U.S.
```